

# XTIVIA CIS IBM DB2 BENCHMARK ASSESSMENT: SECURE YOUR DATABASE VAULT

## Establish Trust: XTIVIA is an IBM Business Partner and CIS Member

XTIVIA is a proud **IBM Business Partner** and a **CIS Member**, demonstrating our commitment to providing security assessments aligned with the Center for Internet Security (CIS) standards—the industry-recognized benchmark for cyber defense

## The Problem: Internal Security Gaps

Standard security staff often scan servers from the "outside-in," focusing on the network perimeter. This approach leaves critical internal gaps—such as over-privileged users or insecure configuration parameters—completely undetected. Configuration drift, where database environments change over time, can quietly turn these gaps into serious vulnerabilities.

## The Solution: Deep-Dive CIS Benchmark Assessment

The CIS IBM Db2 Benchmark provides a prescriptive, industry-standard blueprint for hardening your database environment. This assessment performs a deep dive into the internal "vault" of the IBM Db2 database engine to ensure that security defaults are in place and to minimize exposure.

## Key Assessment Categories

The XTIVIA assessment specifically audits the following critical internal database configurations:

- **Installation and Patching:** Ensures that supported versions of Db2 software is installed with secure ownership and are using the latest security patches.
- **Db2 Directory and File Permissions:** Verifies that critical configuration files and directories have restricted access to prevent unauthorized modification.
- **Database Configuration Parameters:** Audits specific instance- and database-level parameters.
- **Network and Data Security:** Review configurations to ensure data is encrypted in transit and, when appropriate, at rest.
- **Authentication and Authorization:** Evaluates user permissions to enforce the "Principle of Least Privilege" and strictly controls administrative authorities like SYSADM, SYSCTRL, and SECADM.
- **Logging and Auditing:** Ensures the Db2 audit facility is properly configured to log critical security events, such as unauthorized access attempts or changes to database objects.

## Why This Matters: Continuous Security & Documented Compliance

- **Visibility Beyond the Network:** Our assessment finds internal gaps that standard external scans often miss.

- **Historical Tracking & Trend Analysis:** The audit is designed to be repeated over time, allowing us to track and compare results against previous benchmarks, identifying and preventing "configuration drift" before it becomes a vulnerability.
- **Documented Compliance:** This process provides the verified evidence needed to prove compliance with strict regulations like PCI DSS, HIPAA, and GDPR by aligning with the Center for Internet Security (CIS) standards.

## Ready to Secure Your IBM Db2 Environment?

Don't wait for configuration drift to become a vulnerability. Schedule your CIS Benchmark Assessment today with **XTIVIA Virtual-DBA** to establish a baseline, achieve documented compliance, and ensure continuous security for your critical data layer.

Learn more: <https://virtual-dba.com/cis-security/>

## Contact XTIVIA:

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## XTIVIA Overview

XTIVIA is a proven technology integration and innovation company known for delivering leading-edge technology solutions to our clients' specific requirements, regardless of project complexity. Since 1992, our success has stemmed from a demonstrated ability to deliver deep expertise via professional services, empowering clients to successfully, competitively, and profitably leverage their chosen technology. XTIVIA has offices in Colorado, New York, New Jersey, Texas, Virginia, and India. [www.xtivia.com](http://www.xtivia.com)